

Episode 56LPA November 15, 2023. Coast to Coast.

From PurpleAir Data	% Above 12 ug/m3 PM2.5	% Above 25 ug/m3 PM2.5	% Above 35 ug/m3 PM2.5
California, Kensington	65	42	17
California, Trinidad	88	49	29
Maine, Winslow	85	19	2
Wisconsin, Madison	76	40	15

California, Kensington Highland A
 % 3 days >NAAQS 65.05% 42.82% 17.36%
 Highland A 12 ug/m3 25 ug/m3 35 ug/m3 PA 0.514 1.8304
 number 10 minute periods in 72 hours, 3 sheets

12,25,35 micrograms per cubic meter PM2.5
 California, Kensington Highland A
 11/12/2023 6:50 to 11/15/2023 6:40
 Above 12 micrograms per cubic meter PM2.5?
 281 10 2810
 data periods of 10 minutes equals periods x 10
 2810 60 46.83
 minutes divided by 60= hours in 3 days 72 hour
 46.83 72 65.05%

hours divided by 72 = % days > 12ug/m3 PM2.5
 Above 25 micrograms per cubic meter PM2.5?
 185 10 1850
 data periods of 10 minutes equals periods x 10
 1850 60 30.83
 minutes divided by 60= hours in 3 days 72 hour
 30.83 72 42.82%

hours divided by 72 = % days > 25ug/m3 PM2.5
 Above 35 micrograms per cubic meter PM2.5?
 75 10 750
 data periods of 10 minutes equals periods x 10
 750 60 12.5
 minutes divided by 60= hours in 3 days 72 hour
 12.5 72 17.36%

hours divided by 72 = % days > 12ug/m3 PM2.5
 California, Kensington Highland A
 See all 3 days of Excel data on PDF at
<https://rawsepresidents.wordpress.com>

California, Trinidad Ewing APM2.5
 % 3 days >NAAQS 88.43% 49.07% 29.40%
 Ewing A 12 ug/m3 25 ug/m3 35 ug/m3

PA 0.514 1.8304
 number 10 minute periods in 72 hours, 3 sheets
 12,25,35 micrograms per cubic meter PM2.5

California, Trinidad Ewing A
 11/12/2023 6:50 to 11/15/2023 6:40
 Above 12 micrograms per cubic meter PM2.5?
 382 10 3820
 data periods of 10 minutes equals periods x 10
 3820 60 63.67

minutes divided by 60= hours in 3 days 72 hour

63.67 72 88.43%

hours divided by 72 = % days > 12ug/m3 PM2.5

Above 25 micrograms per cubic meter PM2.5?

212 10 2120

data periods of 10 minutes equals periods x 10

2120 60 35.33

minutes divided by 60= hours in 3 days 72 hour

35.33 72 49.07%

hours divided by 72 = % days > 25ug/m3 PM2.5

Above 35 micrograms per cubic meter PM2.5?

127 10 1270

data periods of 10 minutes equals periods x 10

1270 60 21.17

minutes divided by 60= hours in 3 days 72 hour

21.17 72 29.40%

hours divided by 72 = % days > 12ug/m3 PM2.5

California, Trinidad Ewing A

See all 3 days of Excel data on PDF at

<https://rawsepresidents.wordpress.com>

Maine, Winslow Winslow, Maine A

% 3 days >NAAQS 85.42% 19.91% 2.55%

Winslow, Maine A 12 ug/m3 25 ug/m3 35 ug/m3

PA 0.514 1.8304

no. 10 minute periods in 72 hours, 3 sheets

12,25,35 micrograms per cubic meter PM2.5

Maine, Winslow Winslow, Maine A

11/12/2023 6:50 to 11/15/2023 6:40

Above 12 micrograms per cubic meter PM2.5?

369 10 3690

data periods of 10 minutes equals periods x 10

3690 60 61.50

minutes divided by 60= hours in 3 days 72 hour

61.50 72 85.42%

hours divided by 72 = % days > 12ug/m3 PM2.5

Above 25 micrograms per cubic meter PM2.5?

86 10 860

data periods of 10 minutes equals periods x 10

860 60 14.33

minutes divided by 60= hours in 3 days 72 hour

14.33 72 19.91%

hours divided by 72 = % days > 25ug/m3 PM2.5

Above 35 micrograms per cubic meter PM2.5?

11 10 110

data periods of 10 minutes equals periods x 10

110 60 1.83

minutes divided by 60= hours in 3 days 72 hour

1.83 72 2.55%

hours divided by 72 = % days > 12ug/m3 PM2.5

Maine, Winslow Winslow, Maine A

See all 3 days of Excel data on PDF at

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Wisconsin, Madison	Elinor and Gary A		
% 3 days >NAAQS	76.85%	40.97%	15.05%
Elinor and Gary A	12 ug/m3	25 ug/m3	35 ug/m3

PA 0.514 1.8304

number 10 minute periods in 72 hours, 3 sheets

12, 25, 35 micrograms per cubic meter PM2.5

Wisconsin, Madison	Elinor and Gary A		
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11/12/2023 6:50	to	11/15/2023 6:40
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Above 12 micrograms per cubic meter PM2.5?

332	10	3320
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data periods of 10 minutes equals periods x 10

3320	60	55.33
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minutes divided by 60 = hours in 3 days 72 hour

55.33	72	76.85%
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hours divided by 72 = % days > 12ug/m3 PM2.5

Above 25 micrograms per cubic meter PM2.5?

177	10	1770
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data periods of 10 minutes equals periods x 10

1770	60	29.5
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minutes divided by 60 = hours in 3 days 72 hour

29.5	72	40.97%
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hours divided by 72 = % days > 25ug/m3 PM2.5

Above 35 micrograms per cubic meter PM2.5?

65	10	650
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data periods of 10 minutes equals periods x 10

650	60	10.83
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minutes divided by 60 = hours in 3 days 72 hour

10.83	72	15.05%
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hours divided by 72 = % days > 12ug/m3 PM2.5

Wisconsin, Madison	Elinor and Gary A		
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See all 3 days of Excel data on PDF at

<https://rawsepresidents.wordpress.com>